

Work Order ID 69193

Wednesday, May 04, 2011 11:17:27 AM



Page 1

Item ID: D3245-11

Accept



Setup Start



Revision ID:

Item Name: Gasket 9.01

Stop



Start Date: 5/4/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 5/9/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals:

Process Plan: H

Date: 11-05-11

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D3245

Rev B

100

0.00



FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D3245 ☒ Dwg Rev: B ☐ Prog Rev: B ☐ 2-Deburr if necessary

B11-5-5

(24)

110

QC2- Inspect parts off machine FAI/FAIB

0.00



QC

Memo

0.00

Quality Control

B11-5-5

120

QC8- Inspect parts - second check

0.00



QC

Memo

0.00

Quality Control

8/11/11

comb
(24)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 69193

Wednesday, May 04, 2011 11:17:27 AM



Page 2

Item ID: D3245-11

Accept



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Revision ID:

Item Name: Gasket 9.01

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Start Date: 5/4/2011 Start Qty: 10.00



Cust Item ID:

Required Date: 5/9/2011 Req'd Qty: 10.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location 233

0.00



Packaging

Memo

0.00

Packaging

11/5/11

SP

(242)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/5/11

MK

11-05-06

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NOTE: Date & initial all entries

Picklist Print

Wednesday, May 04, 2011 11:17:33 AM

Page 1

Work Order ID: 69193

Parent Item: D3245-11

Parent Item Name: Gasket 9.01





Start Date: 5/4/2011

Required Date: 5/9/2011

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP ☐ B ☐ 04.12.06 ☐ Made in-house ☐ KJ/JLM ☐
IPP Rev:C ecn 1052/water jet 07-11-05 DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3245  Gasket		Manufactured	No			100	Each	0.0000	0.0438	0.461053	1.5		
											Bill-5-5		

44089/

24

W/O:		WORK ORDER CHANGES						
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

SHOP COPY 4

RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 09193

011054

2350-18-C3Y DZUS
RIGID RECEPTACLE (1)
MS20427M3-3 RIVET (2)
(8 PLACES)

2350-18-C3Y DZUS
RIGID RECEPTACLE (1)
MS20427M3-3 RIVET (2)
(8 PLACES)

D3245-2
PANEL

D3245-1
PANEL

UP
FWD

UP
FWD

D3245-5
ANGLE PLATE

D3245-5
ANGLE PLATE

0.032
GAP

0.032
GAP

MS20615M3-3 RIVET
(9 PLACES)

MS20615M3-3 RIVET
(9 PLACES)

D3245-041 ACCESS PANEL ASSEMBLY

D3245-042 ACCESS PANEL ASSEMBLY

RELEASED
07-10-23

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) ASSEMBLE IN ACCORDANCE WITH DART QSI 002
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3245-XX" AND B/N "BXXXXX" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.83 lbs

QTY -041	QTY -042	P/N	DESCRIPTION
X		D3245-041	ACCESS PANEL ASSEMBLY, LH
	X	D3245-042	ACCESS PANEL ASSEMBLY, RH
1		D3245-1	PANEL
	1	D3245-2	PANEL
1	1	D3245-5	ANGLE PLATE
8	8	2350-18-C3Y	DZUS RIGID RECEPTACLE
16	16	MS20427M3-3	RIVET
9	9	MS20615M3-3	RIVET

B	REMOVE Ø0.204 HOLES FROM D3245-1/-2. REMOVE MS21060-L3K NUTPLATES & DURABLE BLACK GASKETS FROM D3245-041/-042. HOLES AND ITEMS ARE NOW PART OF INSTALLATION. ASSIGN P/Ns TO GASKETS & REFORMAT DRAWING	MB	07.10.02
A	NEW ISSUE	RF	04.01.27
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	07.10.02		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA D3245 ACCESS PANEL ASSEMBLY REV. B SHEET 1 OF 7 SCALE 1:2.5 COPYRIGHT © 2004 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.			

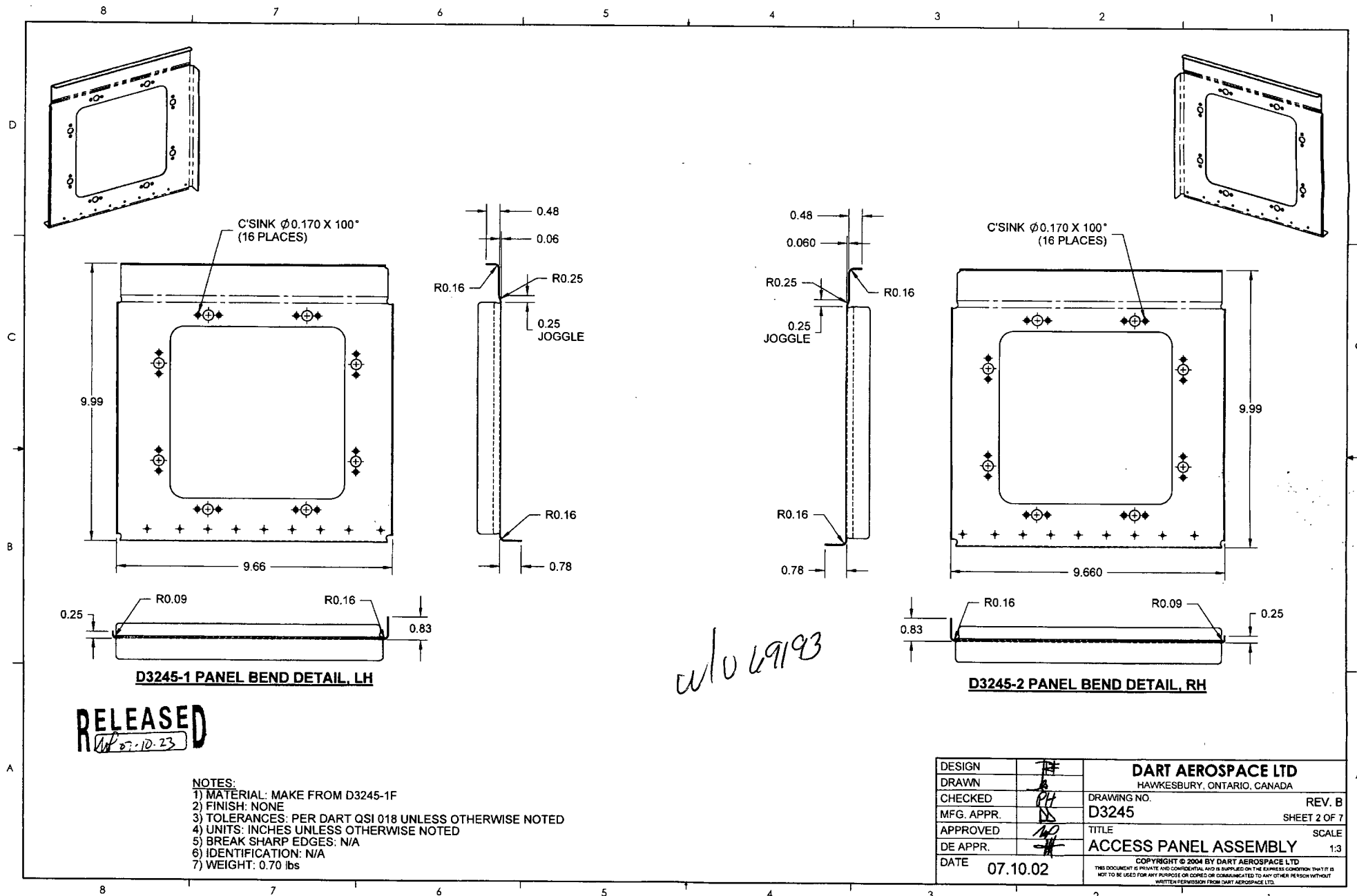
W/O:		WORK ORDER CHANGES						
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NOTE: Date & initial all entries



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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

8 7 6 5 4 3 2 1

D

C

B

A

D

C

B

A

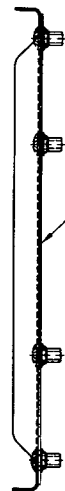
D3245-5 DOOR

2351-20-009-C3Y STUD (1)
127H-35 GROMMET (1)
(8 PLACES)

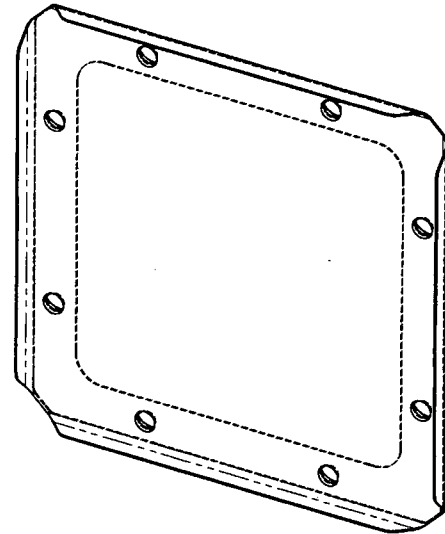
D3245-7 GASKET
(REF)

8.00
(TYP, REF)

D3245-043 DOOR ASSEMBLY



INSTALL D3245-7
GASKET ON THIS SIDE



w/b 09193

QTY -043	P/N	DESCRIPTION
X	D3245-043	ACCESS PANEL ASSEMBLY
1	D3245-3	DOOR
1	D3245-7	GASKET
8	2351-20-009-C3Y	STUD
8	127H-35	GROMMET

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) INSTALL D3245-7 GASKET USING 3M SCOTCH-GRIP 1300/1300L ADHESIVE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS
- 7) ASSEMBLE IN ACCORDANCE WITH DART QSI 002
- 8) IDENTIFICATION: IDENTIFY WITH DART P/N "D3245-043" AND B/N "BXXXXX" USING FINE POINT PERMANENT INK MARKER
- 9) WEIGHT: 0.73 lbs

RELEASED
77-10-33

DESIGN	11	DART AEROSPACE LTD	
DRAWN	11	HAWKESBURY, ONTARIO, CANADA	
CHECKED	11	DRAWING NO.	REV. B
MFG. APPR.	11	D3245	SHEET 3 OF 7
APPROVED	11	TITLE	SCALE
DE APPR.	11	ACCESS PANEL ASSEMBLY	1:2
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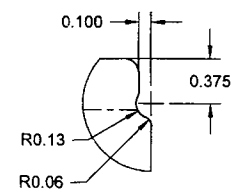
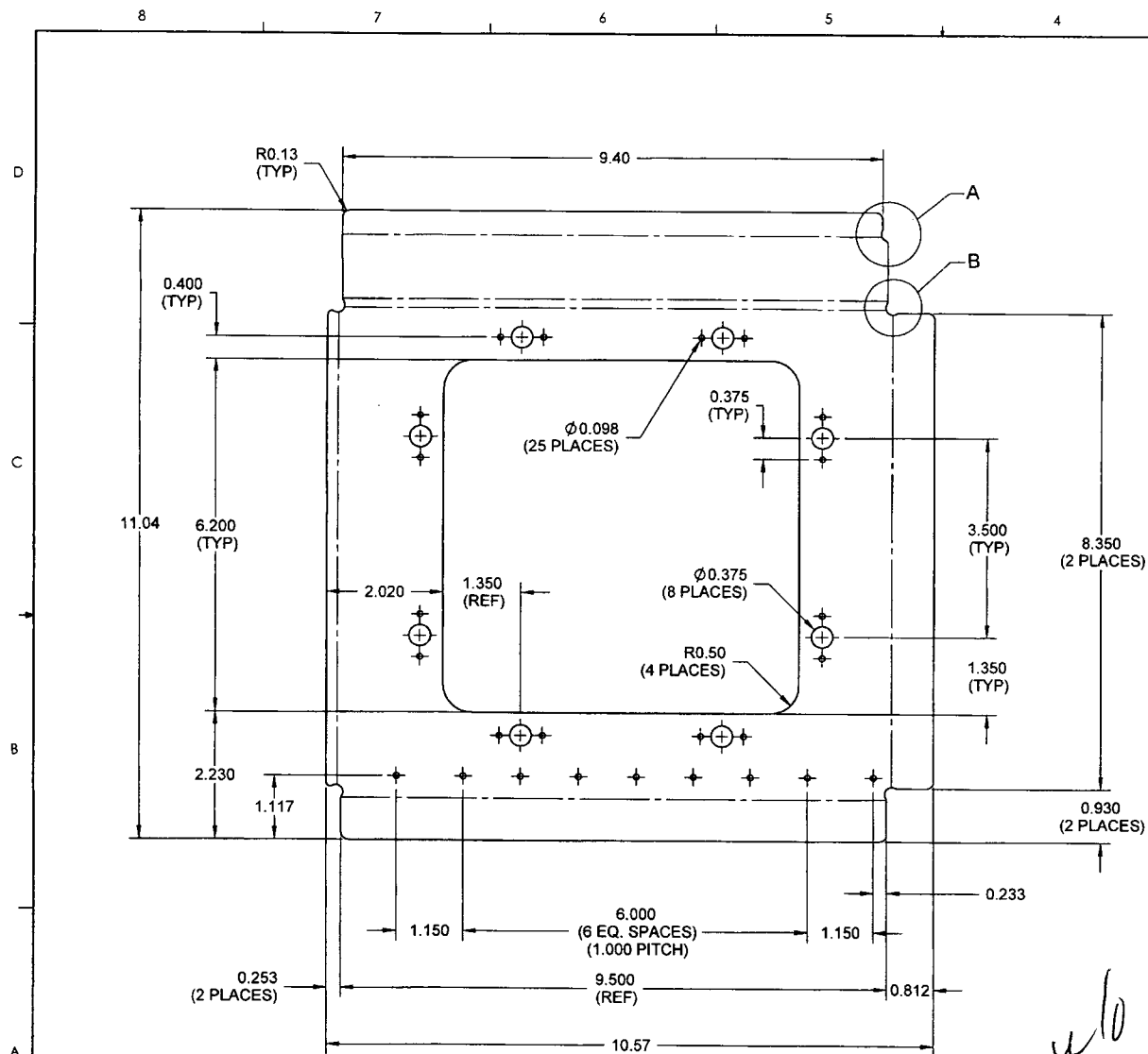
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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

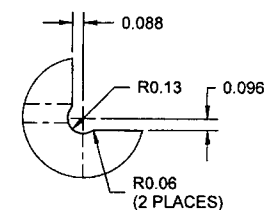
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DETAIL A: RELIEF
SCALE 1 : 1



DETAIL B: RELIEF
(TYP, 4 PLACES)
SCALE 1:1

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET
(0.032 THICK, REF)
PER MIL-S-5019 (ANNEALED) 2B FINISH
(REF. DART SPEC. M304S22GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.70 lbs

RELEASED
MAY 10 23

D3245-1F PANEL FLAT PATTERN

DESIGN	<i>PH</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	<i>PH</i>		
CHECKED	<i>PH</i>	DRAWING NO.	REV. B
MFG. APPR.	<i>PH</i>	D3245	SHEET 4 OF 7
APPROVED	<i>PH</i>	TITLE	SCALE
DE APPR.	<i>PH</i>	ACCESS PANEL ASSEMBLY	1:2
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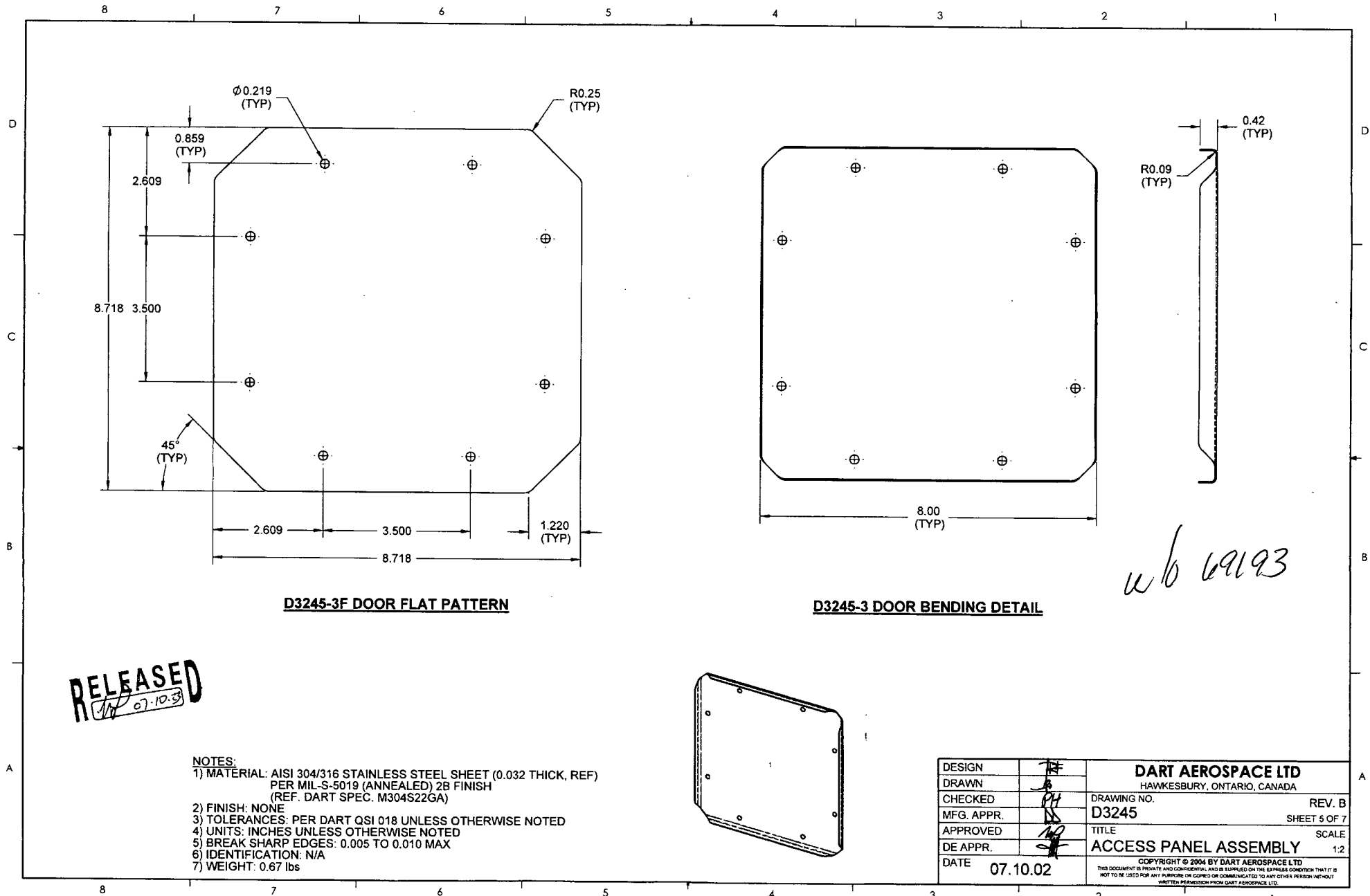
W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

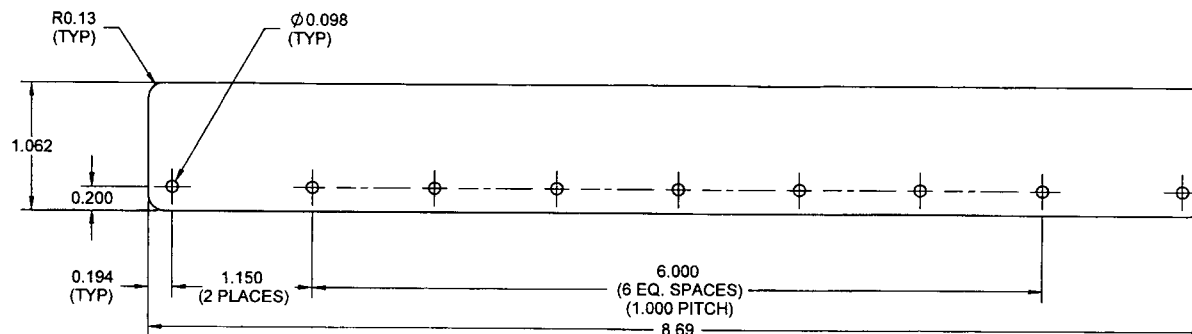
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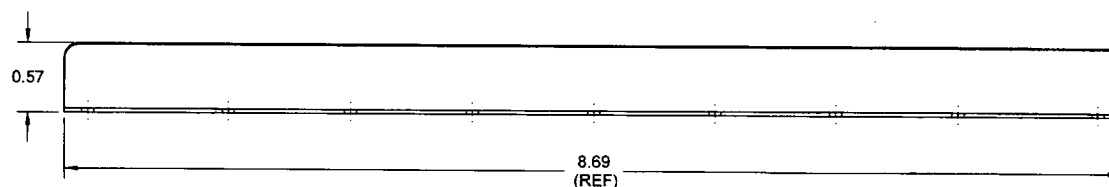
8 7 6 5 4 3 2 1

D

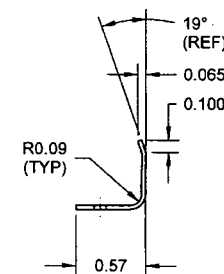
D



D3245-5F FLAT PATTERN



D3245-5 BEND DETAIL
(MAKE FROM D3245-5F)



RELEASED
07.10.23

NOTES:

- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET (0.032 THICK, REF)
PER MIL-S-5019 (ANNEALED) 2B FINISH
(REF. DART SPEC. M304S22GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.08 lbs

DESIGN		DART AEROSPACE LTD
DRAWN		HAWKESBURY, ONTARIO, CANADA
CHECKED		DRAWING NO. D3245
MFG. APPR.		REV. B
APPROVED		SHEET 6 OF 7
DE APPR.		SCALE
DATE	07.10.02	ACCESS PANEL ASSEMBLY 1:1
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8 7 6 5 4 3 2 1

A

A

u/b 69193

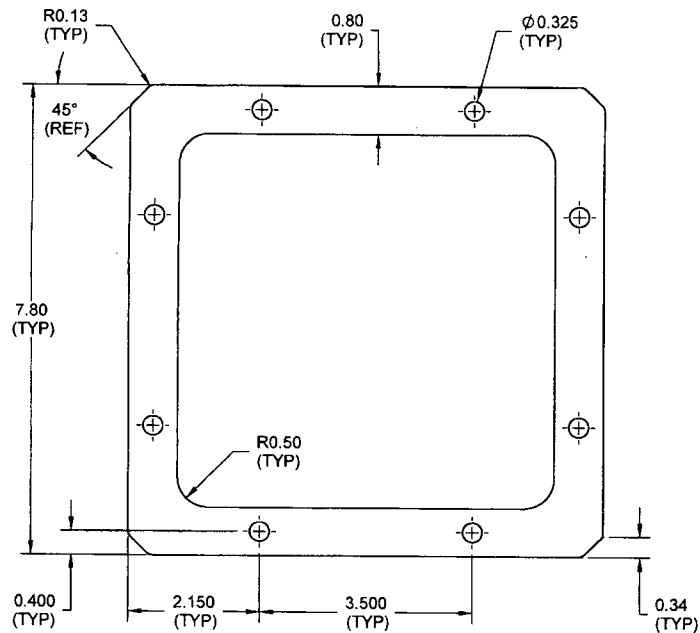
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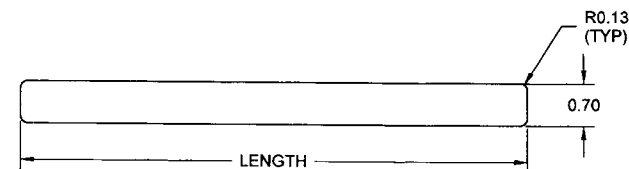
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D3245-7 GASKET



D3245-X GASKET

P/N	LENGTH
D3245-9	8.35
D3245-11	9.01
D3245-13	9.50

w/ 69193

RELEASED
07.10.02

NOTES:

- 1) MATERIAL: DURABLE BLACK GASKET, 0.035 THICK
(PER MIL-A-7021C OR MIL-A-17472B OR MIL-G-12803A)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

DESIGN	<i>[Signature]</i>	DART AEROSPACE LTD	
DRAWN	<i>[Signature]</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO. D3245	REV. B
MFG. APPR.	<i>[Signature]</i>		SHEET 7 OF 7
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